

Title (en)  
INKJET PRINTER AND METHOD OF CHECKING LIQUID FEEDING STATE

Title (de)  
TINTENSTRAHLDRUCKER UND VERFAHREN ZUR PRÜFUNG DES FLÜSSIGKEITZUFÜHRUNGSZUSTANDS

Title (fr)  
IMPRIMANTE À JET D'ENCRE ET PROCÉDÉ DE VÉRIFICATION DE L'ÉTAT D'ALIMENTATION EN LIQUIDE

Publication  
**EP 3184309 B1 20210602 (EN)**

Application  
**EP 16201862 A 20161202**

Priority  
JP 2015251385 A 20151224

Abstract (en)  
[origin: EP3184309A1] An inkjet printer includes at least one head including a plurality of nozzles for ejecting ink toward a recording medium, a tank for supplying the ink to the head, an ink return part for feeding the ink from the head to the tank, and a pressure regulating part for performing a negative pressure reduction operation which increases the pressure in the tank when the pressure in the tank is not greater than a predetermined value. The inkjet printer further includes an operation sensing part for sensing the number of times or frequency of the negative pressure reduction operation performed by the pressure regulating part, and an error detection part for judging whether the ink return part is operating normally or not, based on a sensing signal from the operation sensing part. Thus, whether the ink is being circulated normally or not is checked without the provision of a sensor in an ink circulation path.

IPC 8 full level  
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CPC (source: EP)  
**B41J 2/175** (2013.01); **B41J 2/18** (2013.01)

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JP 2011224858 A 20111110 - RISO KAGAKU CORP, et al

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